

AMENDMENTS

Please enter the following amendments to the claims.

Claims 1-44. Cancelled.

Claim 45. (Currently amended). A method of making an ~~An~~ antibody to an antigen, ~~obtained by a method~~ comprising the steps of:

(a) producing a V_H-coding library and a V_L-coding library, by a method comprising the steps of:

(i) providing a polynucleotide containing composition that comprises a plurality of different V_H-coding sequences and V_L-coding sequences;

(ii) adding to said composition a first V_H primer and a first V_L primer wherein said first primers are capable of hybridizing to first conserved nucleotide sequences substantially adjacent to a plurality of V_H-coding and V_L-coding sequences respectively present in said composition, and a second V_H primer and a second V_L primer wherein said second primers are capable of hybridizing to second conserved nucleotide sequences downstream of and on the complementary strand to said first conserved nucleotide sequences respectively; and

(iii) amplifying V_H and V_L coding sequences to obtain a V_H and a V_L coding library;

(b) ligating V_H-coding sequences from said V_H-coding gene library and V_L-coding sequences from said V_L-coding gene library into expression vectors;

(c) transforming a host cell with said expression vectors so that an antibody is produced by coexpression of a V_H-coding sequence from said V_H-coding library and a V_L-coding sequence from said V_L-coding library, either on the same or different expression vectors; and

(d) isolating an antibody produced by said host cell and testing the specificity of the antibody for said antigen.

Claim 46. (Currently amended). The method of ~~An antibody according to~~ claim 45, wherein the source of said plurality of V_H-coding and V_L-coding sequences is rearranged B cells collected from an animal immunised with said antigen.

Claim 47. (New). The method of claim 45, wherein said V_H-coding sequences and V_L-coding sequences are human V_H- and V_L- coding sequences.